IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: David Domnitz   :   Date: September 17, 2004

Serial number: 09/546,851   :   Group Art Unit: 2684

Confirmation Number: 3446   :   Examiner: Alan T. Gantt

Attorney Reference Number: P00043501   :   Applicant's Attorney:
                                                 Applicant
Filed: April 10, 2000   :   2600 Glades Circle, Suite 400
                                     Weston, Florida 33327
Title: APPARATUS AND METHOD FOR   :   Telephone number: (754) 366-7377
         DELIVERING INFORMATION TO
         AN INDIVIDUAL BASED ON
         LOCATION AND/OR TIME

Rule
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AMENDMENT

The Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

This Amendment is in response to the final office action dated May 5, 2004. In addition, an Affidavit or Declaration pursuant to 37 CFR 1.131, a separate petition (PTO/SB/22) and fee (PTO-2038) for a two month extension of time is attached. Pursuant to 37 C.F.R. 1.7, this paper is timely filed. Please amend the application as follows:

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CLAIMS

1.   (Original) A time/location based information delivery system, comprising:

a computer system, further comprising:

means to communicate with a computer network;

storage means for storing information related to individuals;

means to communicate with information providers;

input means to accept time/location information related to an individual, the times/location information having unique identifying information or an individual and information defining the location of the individual at a particular time;

means to select user specific information from the information providers based on the location of the individual at a particular time; and

means to communicate the user specific information to information output means;

an identification device, further comprising:

storage for storing unique identifying information;

means to transfer the unique identifying information to an information retrieval device; and

an information retrieval device, further comprising:

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means to detect the presence of an identification device at a particular time and location;

means to retrieve the unique identifying information from the identification device;

means to communicate the unique identifying information and the time and location of detection to the computer system;

information output means, further comprising:

means to receive the user specific information; and

means to display specific information;

whereby information is automatically selected and communicated to an output device based on the location of the identification device at a specific time.

2.   (Original) A system, as in claim 1, wherein the unique identifying information includes identification information and demographic/preference information.

3.   (Original) A system, as in claim 1, wherein the identification device is an RFID device.

4.   (Original) A system, as in claim 3, wherein the RFID device is encased in a credit card sized container.

5.   (Original) A system, as in claim 3, wherein the identification device further comprises;

at least two RFID devices; and

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each RFID device operates on a different frequency or band.

6. (Original) A system, as in claim 4, wherein the identification device further comprises;

at least two RFID devices; and

each RFID device operates on a different frequency or band.

7. (Original) A system, as in claim 1, wherein the information related to individuals includes information provided by an individual regarding demographic and personal preferences.

8. (Original) A system, as in claim 7, wherein the information related to individuals is used to select information provided by information providers.

9. (Original) A system, as in claim 8, wherein the identification device is an RFID device.

10. (Original) A system, as in claim 9, wherein the identification device further comprises;

at least two RFID devices; and

each RFID device operates on a different frequency or band.

11. (Original) A system, as in claim 10, wherein the RFID device is encased in a credit card sized container.

12. (Original) A system, as in claim 8, wherein the identification device is a wireless telephone.

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13.   (Original) A system, as in claim 8, wherein the identification device is a PDA.

14.   (Original) A system, as in claim 8, wherein the identification device is a computer.

15.   (Original) A system, as in claim 1, wherein the identification device is a wireless telephone.

16.   (Original) A system, as in claim 1, wherein the identification device is a PDA.

17.   (Original) A system, as in claim 1, wherein the identification device is a computer.

18.   (Original) A time and location based information delivery system, comprising:

a computer system, further comprising:

means to communicate with a computer network;

storage means for storing information related to individuals;

means to communicate with information providers;

input means to accept time/location information related to an individual, the times/location information having unique identifying information or an individual and information defining the location of the individual at a particular time;

means to select user specific information from the information providers based on the location of the individual at a particular time; and

means to communicate the user specific information to information output means;

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an identification device, further comprising:

    storage for storing unique identifying information;

    means to transfer the unique identifying information to an information retrieval
    device; and

an information retrieval device, further comprising:

    means to detect the presence of an identification device at a particular time;

    means to receive position information from GPS satellites;

    means to retrieve the unique identifying information from the identification
    device;

    means to communicate the unique identifying information, the time information,
    and the GPS satellite position information to the computer system;

information output means, further comprising:

    means to receive the user specific information; and

    means to display specific information;

whereby information is automatically selected and communicated to an output device
based on the location of the identification device at a specific time.

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19.   (Original) A system, as in claim 18, wherein the identification device is a wireless telephone.

20.   (Original) A system, as in claim 19, further comprising:

display means in the wireless telephone;

means to receive the user specific information; and

means to display the user specific information on the display means in the wireless telephone.

21.   (Original) A system, as in claim 1, further comprising:

an information provider identification device, the information provider identification device having information identifying a particular information provider;

means to detect the movement information provider identification device as it moves through specific geographic locations, the movement of the information provider identification device defining a geographic area for which information from the information provider will be distributed;

means to distribute information provided by information providers only if an identification device is in a specific geographic area defined by the information provider identification device after the information provider has walked the area;

whereby an information provider can selectively determine the locations where information provider information can be distributed.

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22.   (Original) A system, as in claim 18, further comprising:

an information provider identification device, the information provider identification device having information identifying a particular information provider;

means to detect the movement of the information provider identification device as it moves through specific geographic locations, the movement of the information provider identification device defining the perimeter of a geographic area for which information from the information provider will be distributed;

means to distribute information provided by information providers only if an identification device is in a specific geographic area defined by the information provider identification device after the information provider has walked the area;

whereby an information provider can selectively determine a geographic area where information provider information can be distributed.

23.   (Original) A system, as in claim 12, further comprising:

means in the computer system to direct dial the wireless telephone;

means to output user specific information directly to the wireless telephone.

24.   (Original) A system, as in claim 15, further comprising:

means in the computer system to direct dial the wireless telephone;

means to output user specific information directly to the wireless telephone.

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25.   (Original) A system, as in claim 20, further comprising:

means in the computer system to direct dial the wireless telephone;

means to output user specific information directly to the wireless telephone.

26.   (Original) A system, as in claim 1, wherein the information output device further comprises:

means to detect an identification device; and

means to initiate contact with the computer system, and download and display user specific information related to the identification device;

whereby an individual can access information related to that individual by using the identification device to identify the individual to the computer system.

27.   (Original) A system, as in claim 18, wherein the information output device further comprises:

means to detect an identification device; and

means to initiate contact with the computer system, and download and display user specific information related to the identification device;

whereby an individual can access information related to that individual by using the identification device to identify the individual to the computer system.

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28.   (Original) A method of delivering focused information based on time and location, including the steps of:

storing information related to individuals;

acquiring information from information providers;

using an identification device to store unique identifying information related to an individual;

using an information retrieval device to detect an identification device when the identification device is within a predetermined geographic area;

transferring the unique identifying information to the information retrieval device;

transferring time/location information related to the time and location of the information retrieval device when the information retrieval device is detected; and

selecting user specific information from information providers based on the unique identifying information and the time and location information and transmitting that information to an output device associated with the identification device;

whereby information is automatically selected and communicated to an output device based on the location of the identification device at a specific time.

29.   (Original) A method, as in claim 28, including the additional step of using an RFID device as the identification device.

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30.   (Original) A method, as in claim 29, including the additional step of encasing the RFID device in a credit card shaped container.

31.   (Original) A method, as in claim 29, including the additional steps of:

       using at least two RFID devices; and

       operating different frequency or bands in each RFID device.

32.   (Original) A method, as in claim 28, including the additional step of using a wireless telephone as the identification device.

33.   (Original) A method, as in claim 28, including the additional step of using a PDA as the identification device.

34.   (Original) A method, as in claim 28, including the additional step of using a computer as the identification device.

35.   (Original) A method of delivering time and location based information to an individual, including the steps of:

       storing information related to individuals;

       detecting presence of an identifying device, the identifying device having unique identifying information;

       obtaining information from information providers;

       using GPS position information data to determine the location of the identifying device;

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determining time/location information related to an individual, the times/location information having unique identifying information or an individual and information defining the location of the individual at a particular time;

selecting user specific information from the information providers based on the location of the individual at a particular time, and based on the unique identifying information; and

outputting the user specific information to an output device;

whereby information is automatically selected and communicated to an output device based on the location of the identification device at a specific time.

36.   (Original) A method, as in claim 35, including the additional step of using a wireless telephone as the identification device.

37.   (Original) A method, as in claim 35, including the additional step of using a PDA as the identification device.

38.   (Original) A method, as in claim 35, including the additional step of using a computer as the identification device.

40.   (Original) A method, as in claim 36, including the additional step of using a display in the wireless telephone as the output device.

41.   (Original) A method, as in claim 35, including the additional steps of:

moving an information provider identification device which has information identifying a particular information provider through a geographic area;

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detecting the information provider identification device as it moves through the geographic area;

defining the geographic area for which information from the information provider will be distributed based on the movement of the information provider identification device as it moves through the geographic area; and

distributing information provided by information providers only if an identification device is in a specific geographic area defined by the information provider identification device;

whereby an information provider can selectively determine the locations where information provider information can be distributed.

42.   (Original) A method, as in claim 28, including the additional steps of:

moving an information provider identification device which has information identifying a particular information provider through a geographic area;

detecting the information provider identification device as it moves through the geographic area;

defining the geographic area for which information from the information provider will be distributed based on the movement of the information provider identification device as it moves through the geographic area; and

distributing information provided by information providers only if an identification device is in a specific geographic area defined by the information provider identification device;

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whereby an information provider can selectively determine the locations where information provider information can be distributed.

43. (Original) A method, as in claim 28, including the additional steps of:

using the output device to detect an identification device;

initiating contact with the computer system from the output device when the identification device is detected; and

downloading and displaying user specific information related to the identification device;

whereby an individual can access information related to that individual by using the identification device to identify the individual to the computer system.

44. (Original) A method, as in claim 32, including the additional steps to:

using the output device to detect an identification device;

initiating contact with the computer system from the output device when the identification device is detected; and

downloading and displaying user specific information related to the identification device;

whereby an individual can access information related to that individual by using the identification device to identify the individual to the computer system.

45. (Original) A system, as in claim 3, wherein the RFID device is embedded in a credit card.

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46. (Original) A system, as in claim 10, wherein the RFID device is embedded in a credit card.

47. (Original) A method, as in claim 29, including the additional step of embedding the RFID device in a credit card.

48. (Original) A system, as in claim 2, wherein the demographic/preference information includes information describing types of information the individual does or does not want to receive;

whereby the individual can selectively filter received information.

49. (Original) A system, as in claim 1, wherein the selected user specific information is filtered by predetermined criteria.

50. (Original) A system, as in claim 49, wherein the predetermined criteria used to filter information from the information provider is based on the location of an individual, and/or the time that the individual is at that location.

51. (Original) A system, as in claim 50, wherein the information from the information provider is further filtered by the individual's personal preferences.

52. (Original) A system, as in claim 51, wherein the individual's personal preferences are entered by the individual.

53. (Original) A system, as in claim 51, wherein the individual's personal preferences are automatically determined based on the individual's choices, purchases and/or activities.

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54. (Original) A system, as in claim 1, wherein the information from the information provider is further filtered by the individual's personal preferences.

55. (Original) A system, as in claim 54, wherein the individual's personal preferences are entered by the individual.

56. (Original) A system, as in claim 54, wherein the individual's personal preferences are automatically determined based on the individual's choices, purchases and/or activities.

57. (Original) A method, as in claim 28, including the additional step of using predetermined criteria to filter the selected user specific information.

58. (Original) A method, as in claim 57, including the additional step of using the location of an individual, and/or the time that the individual is at that location as the predetermined criteria used to filter information from the information provider.

59. (Original) A method, as in claim 58, including the additional step of using the individual's personal preferences to further filter the information from the information provider.

60. (Original) A method, as in claim 59, wherein the individual enters the individual's personal preferences.

61. (Original) A method, as in claim 59, including the additional step of automatically determining the individual's personal preferences based on the individual's choices, purchases and/or activities.

62. (Original) A method, as in claim 28, including the additional step of using the individual's personal preferences to filter the information from the information provider.

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63. (Original) A method, as in claim 62, wherein the individual enters the individual's personal preferences.

64. (Original) A method, as in claim 62, including the additional step of automatically determining the individual's personal preferences based on the individual's choices, purchases and/or activities.

65. (Original) A system, as in claim 3, further comprising means to remotely update the unique identifying information in the identification device.

66. (Original) A method, as in claim 29, including the additional step of remotely updating the unique identifying information in the identification device.

67. (Original) A system, as in claim 1, wherein the identification device can be an RF device, a smart card, a near field tag, a bar code, a magnetic strip, an ultrasonic transducer or an infrared device.

68. (Original) A method, as in claim 28, including the additional step of using an RF device, a smart card, a near field tag, a bar code, a magnetic strip, an ultrasonic transducer or an infrared device as the identification.

69. (Original) A system, as in claim 1, further comprising:

a buddy list identifying related individuals for at least a first individual;

means to detect when related individuals on the buddy list are in a predetermined location or area; and

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means to notify the first individual and each detected related individual of the presence of each other in the predetermined location.

70. (Original) A system, as in claim 18, further comprising:

a buddy list identifying related individuals for at least a first individual;

means to detect when related individuals on the buddy list are in a predetermined location or area; and

means to notify the first individual and each detected related individual of the presence of each other in the predetermined location.

71. (Original) A method, as in claim 28, including the additional steps of:

creating a buddy list identifying related individuals for at least a first individual;

detecting when related individuals on the buddy list are in a predetermined location or area; and

notifying the first individual and each detected related individual of the presence of each other in the predetermined location.

72. (Original) A system, as in claim 13, further comprising:

means to include advertisements from the information providers in the user specific information; and

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means to dynamically select the advertisements based on the time and/or location of the individual.

73. (Original) A system, as in claim 14, further comprising:

means to include advertisements from the information providers in the user specific information; and

means to dynamically select the advertisements based on the time and/or location of the individual.

74. (Original) A system, as in claim 18, further comprising:

means to include advertisements from the information providers in the user specific information; and

means to dynamically select the advertisements based on the time and/or location of the individual.

75. (Original) A system, as in claim 23, further comprising:

means to include advertisements from the information providers in the user specific information; and

means to dynamically select the advertisements based on the time and/or location of the individual.

76. (Original) A method, as in claim 28, including the additional steps of:

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including advertisements from the information providers in the user specific information; and

dynamically selecting the advertisements based on the time and/or location of the individual.

77. (Original) A method, as in claim 35, including the additional steps of:

including advertisements from the information providers in the user specific information; and

dynamically selecting advertisements based on the time and/or location of the individual.

78. (Original) A system, as in claim 13, further comprising means to detect the activities of an individual, the detected activities of the individual further used as the information provided by the individual regarding demographic and personal preferences.

79. (Original) A system, as in claim 14, further comprising means to detect the activities of an individual, the detected activities of the individual further used as the information provided by the individual regarding demographic and personal preferences.

80. (Original) A system, as in claim 18, further comprising means to detect the activities of an individual, the detected activities of the individual further used as the information provided by the individual regarding demographic and personal preferences.

81. (Original) A system, as in claim 23, further comprising means to detect the activities of an individual, the detected activities of the individual further used as the information provided by the individual regarding demographic and personal preferences.

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82. (Original) A system, as in claim 1, further comprising means to detect the activities of an individual, the detected activities of the individual further used as the information provided by the individual regarding demographic and personal preferences.

83. (Original) A system, as in claim 8, further comprising means to detect the activities of an individual, the detected activities of the individual further used as the information provided by the individual regarding demographic and personal preferences.

84. (Original) A system, as in claim 7, wherein the selected user specific information is filtered by predetermined criteria.

85. (Original) A system, as in claim 84, wherein the predetermined criteria used to filter information from the information provider is based on the location of an individual, and/or the time that the individual is at that location.

86. (Original) A system, as in claim 85, wherein the information from the information provider is further filtered by the individual's personal preferences.

87. (Original) A system, as in claim 86, wherein the individual's personal preferences are entered by the individual.

88. (Original) A system, as in claim 86, wherein the individual's personal preferences are automatically determined based on the individual's choices, purchases and/or activities.

89. (Original) A system, as in claim 84, wherein the information from the information provider is further filtered by the individual's personal preferences.

90. (Original) A system, as in claim 89, wherein the individual's personal preferences are entered by the individual.

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91. (Original) A system, as in claim 89, wherein the individual's personal preferences are automatically determined based on the individual's choices, purchases and/or activities.

92. (Original) A system, as in claim 8, further comprising means to remotely update the unique identifying information in the identification device.

93. (Original) A system, as in claim 1, further comprising:

means to include advertisements from the information providers in the user specific information; and

means to dynamically select the advertisements based on the location of the individual and the time and/or location.

94. (Original) A system, as in claim 8, further comprising:

means to include advertisements from the information providers in the user specific information; and

means to dynamically select the advertisements based on the location of the individual and the time and/or location.

95. (Original) A system, as in claim 1, further comprising:

means to detect when an individual is in proximity to a visual or audio output device;

means to determine which program is being presented on the visual or audio output device; and

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means to use information related to the program to select user specific information to be presented to the individual.

96. (Original) A system, as in claim 8, further comprising:

means to detect when an individual is in proximity to a visual or audio output device;

means to determine which program is being presented on the visual or audio output device; and

means to use information related to the program to select user specific information to be presented to the individual.

97. (Original) A system, as in claim 18, further comprising:

means to detect when an individual is in proximity to a visual or audio output device;

means to determine which program is being presented on the visual or audio output device; and

means to use information related to the program to select user specific information to be presented to the individual.

98. (Original) A method, as in claim 28, including the additional steps of:

detecting when an individual is in proximity to a visual or audio output device;

determining which program is being presented on the visual or audio output device; and

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